Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	9
Casting Date	30-Nov-2020
Tested Date	7-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	7	7.13	150*150*150	2112.59	241.00	0.0225	10.71	11.14	11.32
2	15	7	7.18	150*150*150	2127.41	248.00	0.0225	11.02		
3	15	7	7.33	150*150*150	2171.85	263.00	0.0225	11.69		
4	15	7	7.65	150*150*150	2266.67	266.00	0.0225	11.82	11.50	
5	15	7	7.53	150*150*150	2231.11	253.00	0.0225	11.24		
6	15	7	7.40	150*150*150	2192.59	257.00	0.0225	11.42		

Results: 7-days Compressive strength of Concrete is 11.32 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	10
Casting Date	30-Nov-2020
Tested Date	7-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	7	7.23	150*150*150	2142.22	243.00	0.0225	10.80	11.23	11.41
2	15	7	7.28	150*150*150	2157.04	250.00	0.0225	11.11		
3	15	7	7.43	150*150*150	2201.48	265.00	0.0225	11.78		
4	15	7	7.75	150*150*150	2296.30	268.00	0.0225	11.91	11.59	
5	15	7	7.63	150*150*150	2260.74	255.00	0.0225	11.33		
6	15	7	7.50	150*150*150	2222.22	259.00	0.0225	11.51		

Results: 7-days Compressive strength of Concrete is 11.41 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	11
Casting Date	30-Nov-2020
Tested Date	7-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	7	7.32	150*150*150	2168.89	245.00	0.0225	10.89	11.32	11.50
2	15	7	7.37	150*150*150	2183.70	252.00	0.0225	11.20		
3	15	7	7.52	150*150*150	2228.15	267.00	0.0225	11.87		
4	15	7	7.84	150*150*150	2322.96	270.00	0.0225	12.00	11.67	
5	15	7	7.72	150*150*150	2287.41	257.00	0.0225	11.42		
6	15	7	7.59	150*150*150	2248.89	261.00	0.0225	11.60		

Results: 7-days Compressive strength of Concrete is 11.50 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	12
Casting Date	30-Nov-2020
Tested Date	7-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	7	7.42	150*150*150	2198.52	247.00	0.0225	10.98	11.41	11.59
2	15	7	7.47	150*150*150	2213.33	254.00	0.0225	11.29		
3	15	7	7.62	150*150*150	2257.78	269.00	0.0225	11.96		
4	15	7	7.94	150*150*150	2352.59	272.00	0.0225	12.09	11.76	
5	15	7	7.82	150*150*150	2317.04	259.00	0.0225	11.51		
6	15	7	7.69	150*150*150	2278.52	263.00	0.0225	11.69		

Results: 7-days Compressive strength of Concrete is 11.59 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	1
Casting Date	26-Nov-2020
Tested Date	24-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	28	7.60	150*150*150	2251.85	375.00	0.0225	16.67	16.39	16.60
2	15	28	7.75	150*150*150	2296.30	368.00	0.0225	16.36		
3	15	28	7.77	150*150*150	2302.22	363.00	0.0225	16.13		
4	15	28	7.66	150*150*150	2269.63	379.00	0.0225	16.84	16.81	
5	15	28	7.71	150*150*150	2284.44	386.00	0.0225	17.16		
6	15	28	7.58	150*150*150	2245.93	370.00	0.0225	16.44		

Results: 28-days Compressive strength of Concrete is 16.60 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	2
Casting Date	26-Nov-2020
Tested Date	24-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	28	7.51	150*150*150	2225.19	373.00	0.0225	16.58	16.30	16.51
2	15	28	7.66	150*150*150	2269.63	366.00	0.0225	16.27		
3	15	28	7.68	150*150*150	2275.56	361.00	0.0225	16.04		
4	15	28	7.57	150*150*150	2242.96	377.00	0.0225	16.76	16.73	
5	15	28	7.62	150*150*150	2257.78	384.00	0.0225	17.07		
6	15	28	7.49	150*150*150	2219.26	368.00	0.0225	16.36		

Results: 28-days Compressive strength of Concrete is 16.51 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	3
Casting Date	26-Nov-2020
Tested Date	24-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	28	7.60	150*150*150	2251.85	375	0.0225	16.67	16.39	16.60
2	15	28	7.75	150*150*150	2296.30	368	0.0225	16.36		
3	15	28	7.77	150*150*150	2302.22	363	0.0225	16.13		
4	15	28	7.66	150*150*150	2269.63	379	0.0225	16.84	16.81	
5	15	28	7.71	150*150*150	2284.44	386	0.0225	17.16		
6	15	28	7.58	150*150*150	2245.93	370	0.0225	16.44		

Results: 28-days Compressive strength of Concrete is 16.60 N/mm2

Note:

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MECADEZ CORE TECHNOLOGIES PRIVATE LIMITED
PROJECT MANAGEMENT & CONSULTANCY SERVICES

Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	4
Casting Date	26-Nov-2020
Tested Date	24-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	28	7.70	150*150*150	2281.48	377	0.0225	16.76	16.47	16.69
2	15	28	7.85	150*150*150	2325.93	370	0.0225	16.44		
3	15	28	7.87	150*150*150	2331.85	365	0.0225	16.22		
4	15	28	7.76	150*150*150	2299.26	381	0.0225	16.93	16.90	
5	15	28	7.81	150*150*150	2314.07	388	0.0225	17.24		
6	15	28	7.68	150*150*150	2275.56	372	0.0225	16.53		

Results: 28-days Compressive strength of Concrete is 16.69 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	5
Casting Date	27-Nov-2020
Tested Date	25-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	28	7.79	150*150*150	2308.15	379	0.0225	16.84	16.56	16.78
2	15	28	7.94	150*150*150	2352.59	372	0.0225	16.53		
3	15	28	7.96	150*150*150	2358.52	367	0.0225	16.31		
4	15	28	7.85	150*150*150	2325.93	383	0.0225	17.02	16.99	
5	15	28	7.90	150*150*150	2340.74	390	0.0225	17.33		
6	15	28	7.77	150*150*150	2302.22	374	0.0225	16.62		

Results: 28-days Compressive strength of Concrete is 16.78 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	6
Casting Date	27-Nov-2020
Tested Date	25-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	28	7.89	150*150*150	2337.78	381	0.0225	16.93	16.65	16.87
2	15	28	8.04	150*150*150	2382.22	374	0.0225	16.62		
3	15	28	8.06	150*150*150	2388.15	369	0.0225	16.40		
4	15	28	7.95	150*150*150	2355.56	p	0.0225	17.11	17.08	
5	15	28	8.00	150*150*150	2370.37	392	0.0225	17.42		
6	15	28	7.87	150*150*150	2331.85	376	0.0225	16.71		

Results: 28-days Compressive strength of Concrete is 16.87 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	7
Casting Date	27-Nov-2020
Tested Date	25-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	28	7.98	150*150*150	2364.44	383	0.0225	17.02	16.74	16.96
2	15	28	8.13	150*150*150	2408.89	376	0.0225	16.71		
3	15	28	8.15	150*150*150	2414.81	371	0.0225	16.49		
4	15	28	8.04	150*150*150	2382.22	387	0.0225	17.20	17.17	
5	15	28	8.09	150*150*150	2397.04	394	0.0225	17.51		
6	15	28	7.96	150*150*150	2358.52	378	0.0225	16.80		

Results: 28-days Compressive strength of Concrete is 16.96 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	7
Casting Date	27-Nov-2020
Tested Date	25-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	28	7.98	150*150*150	2364.44	383	0.0225	17.02	16.74	16.96
2	15	28	8.13	150*150*150	2408.89	376	0.0225	16.71		
3	15	28	8.15	150*150*150	2414.81	371	0.0225	16.49		
4	15	28	8.04	150*150*150	2382.22	387	0.0225	17.20	17.17	
5	15	28	8.09	150*150*150	2397.04	394	0.0225	17.51		
6	15	28	7.96	150*150*150	2358.52	378	0.0225	16.80		

Results: 28-days Compressive strength of Concrete is 16.96 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	8
Casting Date	27-Nov-2020
Tested Date	25-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	28	8.08	150*150*150	2394.07	385	0.0225	17.11	16.83	17.04
2	15	28	8.23	150*150*150	2438.52	378	0.0225	16.80		
3	15	28	8.25	150*150*150	2444.44	373	0.0225	16.58		
4	15	28	8.14	150*150*150	2411.85	389	0.0225	17.29	17.26	
5	15	28	8.19	150*150*150	2426.67	396	0.0225	17.60		
6	15	28	8.06	150*150*150	2388.15	380	0.0225	16.89		

Results: 28-days Compressive strength of Concrete is 17.04 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	9
Casting Date	30-Nov-2020
Tested Date	28-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	28	8.17	150*150*150	2420.74	387	0.0225	17.20	16.92	17.13
2	15	28	8.32	150*150*150	2465.19	380	0.0225	16.89		
3	15	28	8.34	150*150*150	2471.11	375	0.0225	16.67		
4	15	28	8.23	150*150*150	2438.52	391	0.0225	17.38	17.35	
5	15	28	8.28	150*150*150	2453.33	398	0.0225	17.69		
6	15	28	8.15	150*150*150	2414.81	382	0.0225	16.98		

Results: 28-days Compressive strength of Concrete is 17.13 N/mm2

Note:

i. The results indicated above are based on the tests carried out on the sample at site.
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Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	10
Casting Date	30-Nov-2020
Tested Date	28-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	28	8.27	150*150*150	2450.37	389.00	0.0225	17.29	17.01	17.22
2	15	28	8.42	150*150*150	2494.81	382.00	0.0225	16.98		
3	15	28	8.44	150*150*150	2500.74	377.00	0.0225	16.76		
4	15	28	8.33	150*150*150	2468.15	393.00	0.0225	17.47	17.44	
5	15	28	8.38	150*150*150	2482.96	400.00	0.0225	17.78		
6	15	28	8.25	150*150*150	2444.44	384.00	0.0225	17.07		

Results: 28-days Compressive strength of Concrete is 17.22 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	11
Casting Date	30-Nov-2020
Tested Date	28-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	28	8.36	150*150*150	2477.04	391.00	0.0225	17.38	17.10	17.31
2	15	28	8.51	150*150*150	2521.48	384.00	0.0225	17.07		
3	15	28	8.53	150*150*150	2527.41	379.00	0.0225	16.84		
4	15	28	8.42	150*150*150	2494.81	395.00	0.0225	17.56	17.53	
5	15	28	8.47	150*150*150	2509.63	402.00	0.0225	17.87		
6	15	28	8.34	150*150*150	2471.11	386.00	0.0225	17.16		

Results: 28-days Compressive strength of Concrete is 17.31 N/mm2

Note:

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Test Report
Concrete Compresive strength

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	M15 Concrete
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	12
Casting Date	30-Nov-2020
Tested Date	28-Dec-2020

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	15	28	8.46	150*150*150	2506.67	393.00	0.0225	17.47	17.19	17.40
2	15	28	8.61	150*150*150	2551.11	386.00	0.0225	17.16		
3	15	28	8.63	150*150*150	2557.04	381.00	0.0225	16.93		
4	15	28	8.52	150*150*150	2524.44	397.00	0.0225	17.64	17.61	
5	15	28	8.57	150*150*150	2539.26	404.00	0.0225	17.96		
6	15	28	8.44	150*150*150	2500.74	388.00	0.0225	17.24		

Results: 28-days Compressive strength of Concrete is 17.40 N/mm2

Note:

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Project Management and Consultancy Services

Summary of Frequencies of Field Tests and Lab Tests Conducted

Name of the work: Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone

Job No: MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR

Contractor M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),

Sl. No	Particulars of the Tests	Wet Mix Macadam			
		Quantity Cum	Frequency of Tests	Tests Required	Tests Carried Out
1	Rate of Spread of Prime Coat	26.21	3 Test / Day	3	3
2	Aggregate Impact Value		1 Test / 1000 m^3	1	1
3	Combined Flakiness & Elongation Indices		1Test / 500 m^3	1	1
4	Aggregate gradation		1Test / 200 m^3	1	1
5	Atterberg limits		1Test / 200 m^3	1	1
6	Density of Compacted Layer		1 Test / 1000m^2	1	1

Note: Frequency of tests as per Specifications MORT&H, V Revision, Section 900.

Consultant

Contractor

ASSISTANT ENGINEER

ASSISTANT EXE ENGINEER

Test Report
Rate of Spread of Prime Coat

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	Wet Mix Macadam
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Location	At Site
Material	Bitumen
Sample No	1
Date	10-Dec-2020

Sl. No.	Determination	Unit	Test No 1 Longitudinal Distribution		
1	Size of Plate (mxn)	m^2	0.2x0.2	0.2x0.2	0.2x0.2
2	Area of the Plate (a)	m^2	0.04	0.04	0.04
3	Initial weight of the empty Plate (b)	kg	1.641	1.641	1.641
4	Final weight of plate after application of Tack Coat (c)	kg	1.695	1.654	1.653
5	Weight of Prime coat/ Tack Coat (d = c-b)	kg	0.054	0.013	0.012
6	Rate of spread (d/a)	kg / m^2	1.350	0.325	0.300
7	Average	kg / m^2	0.658		
8	Specified Limit	kg / m^2	Not less than 0.6 kg / m^2		

Results: Rate of Spread of Prime Coat / Tack Coat is: 0.658 kg / m2

Note:

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Test Report
Rate of Spread of Prime Coat

Project Name	Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byatarayanapura of Yelahanka Zone
Client	Project Division Yelahanka ZONE
Job No	MCTPL/BBMP/YNK/PMC/W-8/2020-2021/2/QR
Mix Type	Wet Mix Macadam
Contractor	M/s. Sai Ram Construction(Prop Sri A.Sathish Gowda),
Location	At Site
Material	Bitumen
Sample No	2
Date	10-Dec-2020

Sl. No.	Determination	Unit	Test No 1 Longitudinal Distribution		
1	Size of Plate (mxn)	m^2	0.2x0.2	0.2x0.2	0.2x0.2
2	Area of the Plate (a)	m^2	0.04	0.04	0.04
3	Initial weight of the empty Plate (b)	kg	1.641	1.641	1.641
4	Final weight of plate after application of Tack Coat (c)	kg	1.694	1.653	1.652
5	Weight of Prime coat/ Tack Coat (d = c-b)	kg	0.053	0.012	0.011
6	Rate of spread (d/a)	kg / m^2	1.325	0.3	0.275
7	Average	kg / m^2		0.633	
8	Specified Limit	kg / m^2	Not less than 0.6 kg / m^2		

Results: Rate of Spread of Prime Coat / Tack Coat is: 0.633 kg / m2

Note:

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